Docket No. ORT1414US

### IN THE CALFEE STATES PATENT AND TRADEMARK OFFICE

Applicants: QIN et al.

Serial No.: 09/833,222

Art Unit: 1645

Filed

: April 11, 2001

Examiner:

For

: CDNA Encoding the Human Alpha2 Delta4 Clacium

Channel Subunit

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

June 7,2006
(Date of Deposit)
Yunling Ren
(Name of applicant, assignee, or Registered Representative)
\Yunling Ren\
(Signature)
June 7,2006
Julie 7,2000
(Date of Signature)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This copy is supplemental to the Information Disclosure Statements mailed on September 10, 2005 and November 21, 2005.

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §\$1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this

information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

In accordance with §1.97(b), since this Information
Disclosure Statement is being filed either within three months
of the filing date of the above-identified national application
(other than a continued prosecution application under
§1.53(d)), within three months of the date of entry into the
national stage of the above identified application as set forth
in §1.491, or before the mailing date of a first Office Action
on the merits of the above-identified application, or before
the mailing date of a first Office Action after the filing of a
request for continued examination under §1.114, no additional
fee is required.
In accordance with §1.129(a), this Information
Disclosure Statement is being filed in connection with $\square$ the

- first or second After Final Submission, therefore:

  Statement in Accordance with §1.97(e)

  (attached); or
  - Please charge Deposit Account No. 10-0750/ORT1414/YR the fee of \$180.00 as set forth in §1.17(p).
- In accordance with §1.97(c), this Information
  Disclosure Statement is being filed after the period set forth
  in §1.97(b) above but before the mailing date of either a Final
  Action under §1.113 or a Notice of Allowance under §1.311, or
  an action that otherwise closes prosecution and that it is
  accompanied by one of:

Ĺ	Statement in Accordance with §1.97(e)
	(attached); or
$\boxtimes$	Please charge Deposit Account No. 10-
	0750/ORT1414/YR the fee of \$180.00 as set forth
	in §1.17(p).
☐ In ac	cordance with §1.97(d), this Information
Disclosure Stat	ement is being filed after the mailing date of
either a Final	Action under §1.113 or a Notice of Allowance
under §1.311 b	out before the payment of the Issue Fee.
Applicant(s) he	reby petition(s) for consideration of this
Information Dis	closure Statement. Included are: Statement in
Accordance with	§1.97(e) as set forth below and the fee of
\$180.00 as set	forth in §1.17(p).
⊠ Conje	or of each of the references listed on the
	es of each of the references listed on the
attached Form P	TO-1449 are enclosed herewith.
☐ Copie	es of references listed on the attached Form PTO-
1449 are enclos	ed herewith EXCEPT THAT:
	In view of the voluminous nature of references
	[list as appropriate], and the likelihood that
	these references are available to the Examiner,
	copies are not enclosed herewith.
П	If any of the foregoing publications are not
	available to the Examiner, Applicant will
	endeavor to supply copies at the Examiner's
	request.
	es of only foreign patent documents and non-
	re are enclosed in accordance with 37 CFR 1.98
_	TE ATE ENCTOSED IN ACCORDANCE WICH 3/ CFR 1.90
(a)(2).	

. .

$\boxtimes$	There are no listed references which are not in the
English la	anguage.
	The relevance of those listed references which are
not in the	e English language is as follows:
	Attached are copies of search report(s) from
correspond	ding patent application(s), which are listed on the
attached S	Submission Under MPEP 609 D.
	Copies of the references listed on the search
report(s)	are included except for those previously cited in an
IDS mailed	1 .
	Attached are the following non-published pending
patent app	olications which may be deemed relevant, which are
listed on	the attached Submission Under MPEP 609 D.
Pleas	se charge any deficiency or credit any overpayment to
Deposit Ad	count No. 10-0750/ORT1414/YR. This form is submitted
in triplic	cate.
	Respectfully submitted,
	\Yunling Ren\
	Yunling Ren
	Reg. No. 47,019
	Attorney for Applicants
Johnson &	Johnson

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003 (732) 524-3385 DATED: June 7, 2006



PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 2

a conection of information unless it displays a	T TANG CITIE CONTROL HUMBER.
Application Number	09/833,222
Filing Date	April 11, 2001
First Named Inventor	QIN
Group Art Unit	1645
Examiner Name	Murphy
Attorney Docket Number	ORT 1414

				U.S. PATENT DOCUMENTS		
		U.S. Patent Document			Date of Publication	Bassa Catumas Lines
Examiner Initials	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Cotumns, Lines, where relevant passages relevant figures appear

#### FOREIGN PATENT DOCUMENTS Pages, Columns, Lines, Foreign Patent Document Date of Publication of Cited Document where relevant Name of Patentee or Examiner Cite passages or relevant mm-dd-yyyy Applicant of Cited Document Initials figures appear Number<sup>4</sup> KindCode<sup>5</sup> No.1 Office<sup>3</sup>

Examiner	Date	
Signature	Considered	
· · · · · · · · · · · · · · · · · · ·		 

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 2 of 2

a collection of information unless it displays a	valid Olvid Control Humber.
Application Number	09/833,222
Filing Date	April 11, 2001
First Named Inventor	QIN
Group Art Unit	1645
Examiner Name	Murphy
Attorney Docket Number	ORT-1414Ho

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	
Examiner's Initials*	Cite No.1	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		HOSEY et al., "L-Type Calcium Channels in Cardiac and Skeletal	
		Muscle Purification and Phosphorylation" (1989) . An New York Academy of Sciences", 560. pp. 27-38,	
		QIN et al. 1998. "Modulation of Human Neuronal $\alpha_{1E}$ -Type Calcium	
		Channel by $\alpha_2 \wp$ -Subunit" American Physiological Society (Cell Physiology) 274. C1324-1331	
		9//	
		•	
		·	
7	-		

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.